Listing of the Claims

1   Claim 1 (Currently Amended). A telephone controller that controls plural
2   telephone sets via LAN connected to the Internet, comprising:
3   a receiver that receives a message sent via LAN by one of the telephone
4   sets for requesting an IP address be allocated for the requesting telephone set;
5   a control circuit that generates an ID comprising a domain name and an
6   extension of the requesting telephone set in case the message for requesting the IP
7   address is received;
8   an IP address allocation circuit that allocates the IP address of the
9   requesting telephone set;
10   a table that stores an ID comprising a domain name, an extension and the
11 IP address; and
12   a notifying unit that notifies the requesting telephone set of the ID, the
13 extension and the IP address for the requesting telephone set;
14 wherein a telephone comprising said telephone controller can be connected by a
15 user having no knowledge of IP and LAN.

1   Claim 2 (Previously Presented). A telephone controller according to Claim 1,
2   wherein the requesting telephone has a user name and:
3   when the extension or the user name of the requesting telephone is
4   included in the message for requesting the IP address, and the control circuit
5   generates the ID for the requesting telephone set based on the extension or the user
6   name.

1   Claim 3 (original). A telephone controller according to Claim 1, wherein:
2   the ID is composed of the domain name of the telephone controller, the
3   extension and the user name.

Claim 4 (Currently Amended). A telephone communication system composed of LAN connected to the Internet, a telephone controller and plural telephone sets that mutually communicate via the LAN, wherein:

one of the telephone sets is provided with a transmitter that transmits via LAN a message for requesting an IP address be allocated for the requesting telephone set to the telephone controller; and

the telephone controller is composed of a receiver that receives the message for requesting the IP address be allocated for the requesting telephone set, a control circuit that generates an ID comprising a domain name and an extension of the requesting telephone set in case the message for requesting the IP address is received, an IP address allocation circuit that allocates the IP address of the requesting telephone set, a table that stores an ID comprising a domain name, an extension and the IP address and a notifying unit that notifies the requesting telephone set of the ID, the extension and the IP address for the requesting telephone set;

wherein a telephone set comprising said telephone controller can be connected by a user having no knowledge of IP and LAN.

Claim 5 (Previously Presented). A telephone communication system according to claim 4, wherein the telephone controller:

when its extension or its user name is included in the message for requesting the IP address, the control circuit generates its ID based upon the extension or the user name.

Claim 6 (Previously Presented). A telephone communication system according to claim 4, wherein the telephone controller has an Internet domain name and:

the ID of the requesting telephone set is composed of the domain name of the telephone controller, the extension of the requesting telephone set and the user name.

Claim 7 (Previously Presented). A telephone communication system according to Claim 4, wherein telephone controller:

in case a connection request message is sent from one of the telephone sets, the control circuit acquires an IP address corresponding to ID by retrieving the

1   table using the ID included in the connection request message and notifies a

2   telephone set to which the IP address is allocated of call incoming.

1   Claim 8 (Previously Presented). A telephone controller according to claim 1,

2   wherein a user who is not required to have knowledge of IP and LAN connects the

3   requesting telephone set to the LAN and the requesting telephone set automatically

4   acquires an ID, an IP address and an extension for the requesting telephone set.

1   Claim 9. (Previously Presented) A telephone communication system according to

2   claim 4, wherein a user who is not required to have knowledge of IP and LAN

3   connects the requesting telephone set to the LAN and the requesting telephone set

4   automatically acquires an ID, an IP address and an extension for the requesting

5   telephone set.

1   Claim 10. (Previously Presented) A telephone controller according to claim 1,

2   wherein different user names are assigned to the extension.

1   Claim 11. (Previously Presented) A telephone communication system according to

2   claim 4, wherein different user names are assigned to the extension.

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4   Claim 12 (New). A telephone controller that controls plural telephone sets via

5   LAN connected to the Internet, comprising:

6   a receiver that receives a message sent via LAN by one of the telephone

7   sets for requesting an IP address be allocated for the requesting telephone set;

8   a control circuit that generates an ID comprising a domain name and an

9   extension of the requesting telephone set in case the message for requesting the IP

10   address is received;

11   an IP address allocation circuit that allocates the IP address of the

12   requesting telephone set;

13   a table that stores an ID comprising a domain name, an extension and the

14   IP address; and

15   a notifying unit that notifies the requesting telephone set of the ID, the

16   extension and the IP address for the requesting telephone set.